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(71)Applicant : YAMAHA MOTOR CO LTD

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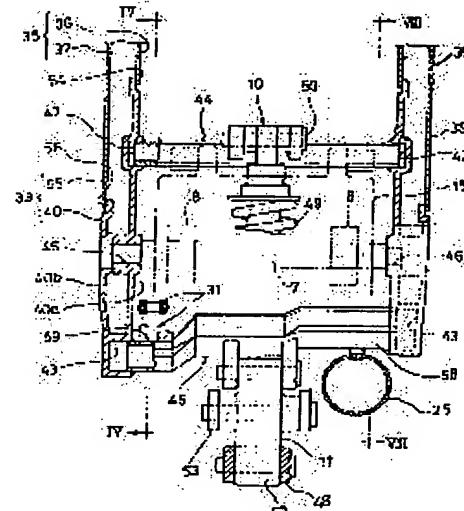
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(54) BODY FRAME OF MOTORCYCLE

(57)Abstract:

PURPOSE: To reduce weight by forming main frames extending rear downward from a head pipe with a sheet metal, forming rear-arm brackets which extend downward from the rear ends of the main frames by casting, and making the the outer face side upper portion thereof the extension of the outer plate of the sheet-metal frame of the main frame.

CONSTITUTION: Each of a pair of main frames 35 which extend rear downward from a head pipe is formed with sheet metal frames consisting of an inner plate 36 and an outer plate 37, while forming rear-arm brackets 39 which extend downward from the rear ends of the main frames 35 by casting. Upper and lower cross tubes 44, 45 and the pivotally supporting shaft 7 of rear arms 8 are provided on the rear-arm brackets 39 to support rear wheels. The inner face sides on the upper portions of the cast rear-arm brackets 39 form the supporting portions of the cross tube 44 while the outer face sides thereof being formed as the extensions of the outer plates 37 of the main frames 35. Thereby, the weight of the cast brackets requiring strength can be reduced.



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